



#10

-1-

## SEQUENCE LISTING

<110> Chernajovsky, Yuti  
Dreja, Hanna Stina  
Adams, Gillian

<120> Latent Fusion Protein

<130> 0623.1000000

<140> US 09/756,283

<141> 2001-01-09

<160> 100

<170> PatentIn version 3.0

<210> 1

<211> 15

<212> PRT

<213> Artificial

<220>

<223> MMP cleavage site including linker sequence

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1 5 10 15

<210> 2

<211> 52

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<213> Artificial

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<223> Sense oligo

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52

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<213> Artificial

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<211> 29

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<223> Sense Primer

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<211> 31

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<211> 32

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29

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29

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<211> 32

<212> DNA

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<223> Antisense Primer

<400> 11

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32

<210> 12

<211> 23

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<400> 12  
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23

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29

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<212> PRT

<213> Artificial

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<223> Flexible linker

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<210> 15

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<212> PRT

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<223> Cleavage site

<400> 15

Pro Leu Gly Leu Trp Ala  
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<211> 8

<212> PRT

<213> Artificial

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<223> Flexible portion

<400> 16

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<210> 17

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<213> Artificial

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<223> Core of cleavage site

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Pro Leu Gly Leu  
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<210> 18

<211> 4

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<213> Artificial

<220>

<223> Core of cleavage site

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Pro Leu Gly Ile  
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<210> 19

<211> 1376

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<220>

<223> LAP-mIFNbeta construct

<220>

<221> CDS

<222> (1)..(1368)

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1 5 10 15

48

tgg cta ctg gtg ctg acg cct ggc ccg ccg gcc gcg gga cta tcc acc  
Trp Leu Leu Val Leu Thr Pro Gly Pro Pro Ala Ala Gly Leu Ser Thr  
20 25 30

96

tgc aag act atc gac atg gag ctg gtg aag ccg aag cgc atc gag gcc  
Cys Lys Thr Ile Asp Met Glu Leu Val Lys Arg Lys Arg Ile Glu Ala  
35 40 45

144

atc Ile	cgc Arg 50	ggc Gly	cag Gln	atc Ile	ctg Leu	tcc Ser 55	aag Lys	ctg Leu	cgg Arg	ctc Leu	gcc Ala 60	agc Ser	ccc Pro	ccg Pro	agc Ser	192
cag Gln 65	ggg Gly	gag Glu	gtg Val	ccg Pro 70	ccc Pro	ggc Gly	ccg Pro	ctg Leu	ccc Pro	gag Glu 75	gcc Ala	gtg Val	ctc Leu	gcc Ala	ctg Leu 80	240
tac Tyr	aac Asn	agc Ser	acc Thr	cgc Arg 85	gac Asp	cgg Arg	gtg Val	gcc Ala	ggg Gly 90	gag Glu	agt Ser	gca Ala	gaa Glu	ccg Pro 95	gag Glu	288
ccc Pro	gag Glu	cct Pro	gag Glu 100	gcc Ala	gac Asp	tac Tyr	tac Tyr	gcc Ala 105	aag Lys	gag Glu	gtc Val	acc Thr	cgc Arg 110	gtg Val	cta Leu	336
atg Met	gtg Val 115	gaa Glu	acc Thr	cac His	aac Asn	gaa Glu	atc Ile 120	tat Tyr	gac Asp	aag Lys	ttc Phe 125	aag Lys	cag Gln	agt Ser	aca Thr	384
cac His 130	agc Ser	ata Ile	tat Tyr	atg Met	ttc Phe	ttc Phe 135	aac Asn	aca Thr	tca Ser	gag Glu	ctc Leu 140	cga Arg	gaa Glu	gcg Ala	gta Val	432
cct Pro 145	gaa Glu	ccc Pro	gtg Val	ttg Leu	ctc Leu 150	tcc Ser	cgg Arg	gca Ala	gag Glu	ctg Leu 155	cgt Arg	ctg Leu	ctg Leu	agg Arg	agg Arg 160	480
ctc Leu	aag Lys	tta Leu	aaa Lys	gtg Val 165	gag Glu	cag Gln	cac His	gtg Val	gag Glu 170	ctg Leu	tac Tyr	cag Gln	aaa Lys	tac Tyr 175	agc Ser	528
aac Asn	aat Asn	tcc Ser	tgg Trp 180	cga Arg	tac Tyr	ctc Leu	agc Ser	aac Asn 185	cgg Arg	ctg Leu	ctg Leu	gca Ala	ccc Pro 190	agc Ser	gac Asp	576
tcg Ser	cca Pro	gag Glu 195	tgg Trp	tta Leu	tct Ser	ttt Phe	gat Asp 200	gtc Val	acc Thr	gga Gly	gtt Val	gtg Val 205	cgg Arg	cag Gln	tgg Trp	624
ttg Leu 210	agc Ser	cgt Arg	gga Gly	ggg Gly	gaa Glu	att Ile 215	gag Glu	ggc Gly	ttt Phe	cgc Arg	ctt Leu 220	agc Ser	gcc Ala	cac His	tgc Cys	672
tcc Ser 225	tgt Cys	gac Asp	agc Ser	agg Arg	gat Asp 230	aac Asn	aca Thr	ctg Leu	caa Gln	gtg Val 235	gac Asp	atc Ile	aac Asn	ggg Gly	ttc Phe 240	720
act Thr	acc Thr	ggc Gly	cgc Arg	cga Arg 245	ggt Gly	gac Asp	ctg Leu	gcc Ala	acc Thr 250	att Ile	cat His	ggc Gly	atg Met	aac Asn 255	cgg Arg	768
cct Pro	ttc Phe	ctg Leu	ctt Leu 260	ctc Leu	atg Met	gcc Ala	acc Thr 265	ccg Pro	ctg Leu	gag Glu	agg Arg	gcc Ala	cag Gln 270	cat His	ctg Leu	816
caa Gln	agc Ser	gaa Glu 275	ttc Phe	ggg Gly	gga Gly	ggc Gly	gga Gly 280	tcc Ser	ccg Pro	ctc Leu	ggg Gly	ctt Leu 285	tgg Trp	gcg Ala	gga Gly	864
ggg Gly 290	ggc Gly	tca Ser	gcg Ala	gcc Ala	gca Ala	atc Ile 295	aac Asn	tat Tyr	aag Lys	cag Gln	ctc Leu 300	cag Gln	ctc Leu	caa Gln	gaa Glu	912
agg Arg 305	acg Thr	aac Asn	att Ile	cgg Arg	aaa Lys 310	tgt Cys	cag Gln	gag Glu	ctc Leu 315	ctg Leu	gag Glu	cag Gln	ctg Leu	aat Asn	gga Gly 320	960
aag Lys	atc Ile	aac Asn	ctc Leu	acc Thr 325	tac Tyr	agg Arg	gcg Ala	gac Asp	ttc Phe 330	aag Lys	atc Ile	cct Pro	atg Met	gag Glu 335	atg Met	1008
acg Thr	gag Glu	aag Lys	atg Met 340	cag Gln	aag Lys	agt Ser	tac Tyr	act Thr 345	gcc Ala	ttt Phe	gcc Ala	atc Ile	caa Gln 350	gag Glu	atg Met	1056
ctc Leu	cag Gln	aat Asn	gtc Val	ttt Phe	ctt Leu	gtc Val	ttc Phe	aga Arg	aac Asn	aat Asn	ttc Phe	tcc Ser	agc Ser	act Thr	ggg Gly	1104

	355		360		365	
tgg aat gag act att gtt gta cgt ctc ctg gat gaa ctc cac cag cag						1152
Trp Asn Glu Thr Ile Val Val Arg Leu Leu Asp Glu Leu His Gln Gln	370		375		380	
aca gtg ttt ctg aag aca gta cta gag gaa aag caa gag gaa aga ttg						1200
Thr Val Phe Leu Lys Thr Val Leu Glu Glu Lys Gln Glu Glu Arg Leu	385		390		395	400
acg tgg gag atg tcc tca act gct ctc cac ttg aag agc tat tac tgg						1248
Thr Trp Glu Met Ser Ser Thr Ala Leu His Leu Lys Ser Tyr Tyr Trp		405		410		415
agg gtg caa agg tac ctt aaa ctc atg aag tac aac agc tac gcc tgg						1296
Arg Val Gln Arg Tyr Leu Lys Leu Met Lys Tyr Asn Ser Tyr Ala Trp		420		425		430
atg gtg gtc cga gca gag atc ttc agg aac ttt ctc atc att cga aga						1344
Met Val Val Arg Ala Glu Ile Phe Arg Asn Phe Leu Ile Ile Arg Arg		435		440		445
ctt acc aga aac ttc caa aac tga tctagacc						1376
Leu Thr Arg Asn Phe Gln Asn	450		455			

<210> 20

<211> 455

<212> PRT

<213> Artificial

<220>

<223> LAP-mIFN  $\beta$  construct

<400> 20

Met Pro Pro Ser Gly Leu Arg Leu Leu Pro Leu Leu Leu Pro Leu Leu	1	5	10	15
Trp Leu Leu Val Leu Thr Pro Gly Pro Pro Ala Ala Gly Leu Ser Thr	20	25	30	
Cys Lys Thr Ile Asp Met Glu Leu Val Lys Arg Lys Arg Ile Glu Ala	35	40	45	
Ile Arg Gly Gln Ile Leu Ser Lys Leu Arg Leu Ala Ser Pro Pro Ser	50	55	60	
Gln Gly Glu Val Pro Pro Gly Pro Leu Pro Glu Ala Val Leu Ala Leu	65	70	75	80
Tyr Asn Ser Thr Arg Asp Arg Val Ala Gly Glu Ser Ala Glu Pro Glu	85	90	95	
Pro Glu Pro Glu Ala Asp Tyr Tyr Ala Lys Glu Val Thr Arg Val Leu	100	105	110	
Met Val Glu Thr His Asn Glu Ile Tyr Asp Lys Phe Lys Gln Ser Thr	115	120	125	
His Ser Ile Tyr Met Phe Phe Asn Thr Ser Glu Leu Arg Glu Ala Val	130	135	140	

Pro Glu Pro Val Leu Leu Ser Arg Ala Glu Leu Arg Leu Leu Arg Arg  
 145 150 155 160  
 Leu Lys Leu Lys Val Glu Gln His Val Glu Leu Tyr Gln Lys Tyr Ser  
 165 170 175  
 Asn Asn Ser Trp Arg Tyr Leu Ser Asn Arg Leu Leu Ala Pro Ser Asp  
 180 185 190  
 Ser Pro Glu Trp Leu Ser Phe Asp Val Thr Gly Val Val Arg Gln Trp  
 195 200 205  
 Leu Ser Arg Gly Gly Glu Ile Glu Gly Phe Arg Leu Ser Ala His Cys  
 210 215 220  
 Ser Cys Asp Ser Arg Asp Asn Thr Leu Gln Val Asp Ile Asn Gly Phe  
 225 230 235 240  
 Thr Thr Gly Arg Arg Gly Asp Leu Ala Thr Ile His Gly Met Asn Arg  
 245 250 255  
 Pro Phe Leu Leu Leu Met Ala Thr Pro Leu Glu Arg Ala Gln His Leu  
 260 265 270  
 Gln Ser Glu Phe Gly Gly Gly Gly Ser Pro Leu Gly Leu Trp Ala Gly  
 275 280 285  
 Gly Gly Ser Ala Ala Ala Ile Asn Tyr Lys Gln Leu Gln Leu Gln Glu  
 290 295 300  
 Arg Thr Asn Ile Arg Lys Cys Gln Glu Leu Leu Glu Gln Leu Asn Gly  
 305 310 315 320  
 Lys Ile Asn Leu Thr Tyr Arg Ala Asp Phe Lys Ile Pro Met Glu Met  
 325 330 335  
 Thr Glu Lys Met Gln Lys Ser Tyr Thr Ala Phe Ala Ile Gln Glu Met  
 340 345 350  
 Leu Gln Asn Val Phe Leu Val Phe Arg Asn Asn Phe Ser Ser Thr Gly  
 355 360 365  
 Trp Asn Glu Thr Ile Val Val Arg Leu Leu Asp Glu Leu His Gln Gln  
 370 375 380  
 Thr Val Phe Leu Lys Thr Val Leu Glu Glu Lys Gln Glu Glu Arg Leu  
 385 390 395 400  
 Thr Trp Glu Met Ser Ser Thr Ala Leu His Leu Lys Ser Tyr Tyr Trp  
 405 410 415  
 Arg Val Gln Arg Tyr Leu Lys Leu Met Lys Tyr Asn Ser Tyr Ala Trp  
 420 425 430  
 Met Val Val Arg Ala Glu Ile Phe Arg Asn Phe Leu Ile Ile Arg Arg  
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 Leu Thr Arg Asn Phe Gln Asn



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450
<210> 21
<211> 1352
<212> DNA
<213> Artificial

<220>
<223> mIFNbeta-LAP construct
<220>
<221> CDS
<222> (1)..(1344)

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1 5 10 15
acc aca gcc ctc tcc atc aac tat aag cag ctc cag ctc caa gaa agg 96
Thr Thr Ala Leu Ser Ile Asn Tyr Lys Gln Leu Gln Leu Gln Glu Arg
20 25 30
acg aac att cgg aaa tgt cag gag ctc ctg gag cag ctg aat gga aag 144
Thr Asn Ile Arg Lys Cys Gln Glu Leu Leu Glu Gln Leu Asn Gly Lys
35 40 45
atc aac ctc acc tac agg gcg gac ttc aag atc cct atg gag atg acg 192
Ile Asn Leu Thr Tyr Arg Ala Asp Phe Lys Ile Pro Met Glu Met Thr
50 55 60
gag aag atg cag aag agt tac act gcc ttt gcc atc caa gag atg ctc 240
Glu Lys Met Gln Lys Ser Tyr Thr Ala Phe Ala Ile Gln Glu Met Leu
65 70 75 80
cag aat gtc ttt ctt gtc ttc aga aac aat ttc tcc agc act ggg tgg 288
Gln Asn Val Phe Leu Val Phe Arg Asn Asn Phe Ser Ser Thr Gly Trp
85 90 95
aat gag act att gtt gta cgt ctc ctg gat gaa ctc cac cag cag aca 336
Asn Glu Thr Ile Val Val Arg Leu Leu Asp Glu Leu His Gln Gln Thr
100 105 110
gtg ttt ctg aag aca gta cta gag gaa aag caa gag gaa aga ttg acg 384
Val Phe Leu Lys Thr Val Leu Glu Glu Lys Gln Glu Glu Arg Leu Thr
115 120 125
tgg gag atg tcc tca act gct ctc cac ttg aag agc tat tac tgg agg 432
Trp Glu Met Ser Ser Thr Ala Leu His Leu Lys Ser Tyr Tyr Trp Arg
130 135 140
gtg caa agg tac ctt aaa ctc atg aag tac aac agc tac gcc tgg atg 480
Val Gln Arg Tyr Leu Lys Leu Met Lys Tyr Asn Ser Tyr Ala Trp Met
145 150 155 160
gtg gtc cga gca gag atc ttc agg aac ttt ctc atc att cga aga ctt 528
Val Val Arg Ala Glu Ile Phe Arg Asn Phe Leu Ile Ile Arg Arg Leu
165 170 175
acc aga aac ttc caa aac gaa ttc ggg gga ggc gga tcc ccg ctc ggg 576
Thr Arg Asn Phe Gln Asn Glu Phe Gly Gly Gly Gly Ser Pro Leu Gly
180 185 190
ctt tgg gcg gga ggg ggc tca gcg gcc gca cta tcc acc tgc aag act 624
Leu Trp Ala Gly Gly Gly Ser Ala Ala Leu Ser Thr Cys Lys Thr
195 200 205

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atc Ile	gac Asp 210	atg Met	gag Glu	ctg Leu	gtg Val	aag Lys 215	cgg Arg	aag Lys	cgc Arg	atc Ile	gag Glu 220	gcc Ala	atc Ile	cgc Arg	ggc Gly	672
cag Gln 225	atc Ile	ctg Leu	tcc Ser	aag Lys	ctg Leu 230	cgg Arg	ctc Leu	gcc Ala	agc Ser	ccc Pro 235	ccg Pro	agc Ser	cag Gln	ggg Gly	gag Glu 240	720
gtg Val	ccg Pro	ccc Pro	ggc Gly	ccg Pro 245	ctg Leu	ccc Pro	gag Glu	gcc Ala	gtg Val 250	ctc Leu	gcc Ala	ctg Leu	tac Tyr	aac Asn 255	agc Ser	768
acc Thr	cgc Arg	gac Asp 260	cgg Arg	gtg Val	gcc Ala	ggg Gly	gag Glu	agt Ser 265	gca Ala	gaa Glu	ccg Pro	gag Glu	ccc Pro 270	gag Glu	cct Pro	816
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acc Thr	cac His 290	aac Asn	gaa Glu	atc Ile	tat Tyr	gac Asp 295	aag Lys	ttc Phe	aag Lys	cag Gln	agt Ser 300	aca Thr	cac His	agc Ser	ata Ile	912
tat Tyr 305	atg Met	ttc Phe	ttc Phe	aac Asn	aca Thr 310	tca Ser	gag Glu	ctc Leu	cga Arg	gaa Glu 315	gcg Ala	gta Val	cct Pro	gaa Glu	ccc Pro 320	960
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aaa Lys	gtg Val	gag Glu	cag Gln 340	cac His	gtg Val	gag Glu	ctg Leu	tac Tyr 345	cag Gln	aaa Lys	tac Tyr	agc Ser	aac Asn 350	aat Asn	tcc Ser	1056
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tgg Trp 370	tta Leu	tct Ser	ttt Phe	gat Asp	gtc Val	acc Thr 375	gga Gly	gtt Val	gtg Val	cgg Arg	cag Gln 380	tgg Trp	ttg Leu	agc Ser	cgt Arg	1152
gga Gly 385	ggg Gly	gaa Glu	att Ile	gag Glu	ggc Gly 390	ttt Phe	cgc Arg	ctt Leu	agc Ser	gcc Ala 395	cac His	tgc Cys	tcc Ser	tgt Cys	gac Asp 400	1200
agc Ser	agg Arg	gat Asp	aac Asn	aca Thr 405	ctg Leu	caa Gln	gtg Val	gac Asp	atc Ile 410	aac Asn	ggg Gly	ttc Phe	act Thr	acc Thr 415	ggc Gly	1248
cgc Arg	cga Arg	ggt Gly	gac Asp 420	ctg Leu	gcc Ala	acc Thr	att Ile	cat His 425	ggc Gly	atg Met	aac Asn	cgg Arg	cct Pro 430	ttc Phe	ctg Leu	1296
ctt Leu	ctc Leu	atg Met 435	gcc Ala	acc Thr	cgg Pro	ctg Leu	gag Glu 440	agg Arg	gcc Ala	cag Gln	cat His	ctg Leu 445	caa Gln	agc Ser	tga	1344
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<210> 22

<211> 447

<212> PRT

<213> Artificial

<220>

<223> mIFN  $\beta$ -LAP construct

<400> 22

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			20					25					30		
Thr	Asn	Ile	Arg	Lys	Cys	Gln	Glu	Leu	Leu	Glu	Gln	Leu	Asn	Gly	Lys
		35					40					45			
Ile	Asn	Leu	Thr	Tyr	Arg	Ala	Asp	Phe	Lys	Ile	Pro	Met	Glu	Met	Thr
	50					55					60				
Glu	Lys	Met	Gln	Lys	Ser	Tyr	Thr	Ala	Phe	Ala	Ile	Gln	Glu	Met	Leu
65					70					75					80
Gln	Asn	Val	Phe	Leu	Val	Phe	Arg	Asn	Asn	Phe	Ser	Ser	Thr	Gly	Trp
				85					90					95	
Asn	Glu	Thr	Ile	Val	Val	Arg	Leu	Leu	Asp	Glu	Leu	His	Gln	Gln	Thr
			100					105					110		
Val	Phe	Leu	Lys	Thr	Val	Leu	Glu	Glu	Lys	Gln	Glu	Glu	Arg	Leu	Thr
		115					120					125			
Trp	Glu	Met	Ser	Ser	Thr	Ala	Leu	His	Leu	Lys	Ser	Tyr	Tyr	Trp	Arg
	130					135					140				
Val	Gln	Arg	Tyr	Leu	Lys	Leu	Met	Lys	Tyr	Asn	Ser	Tyr	Ala	Trp	Met
145					150					155					160
Val	Val	Arg	Ala	Glu	Ile	Phe	Arg	Asn	Phe	Leu	Ile	Ile	Arg	Arg	Leu
				165					170					175	
Thr	Arg	Asn	Phe	Gln	Asn	Glu	Phe	Gly	Gly	Gly	Gly	Ser	Pro	Leu	Gly
			180					185					190		
Leu	Trp	Ala	Gly	Gly	Gly	Ser	Ala	Ala	Ala	Leu	Ser	Thr	Cys	Lys	Thr
		195					200					205			
Ile	Asp	Met	Glu	Leu	Val	Lys	Arg	Lys	Arg	Ile	Glu	Ala	Ile	Arg	Gly
	210					215					220				
Gln	Ile	Leu	Ser	Lys	Leu	Arg	Leu	Ala	Ser	Pro	Pro	Ser	Gln	Gly	Glu
225					230					235					240
Val	Pro	Pro	Gly	Pro	Leu	Pro	Glu	Ala	Val	Leu	Ala	Leu	Tyr	Asn	Ser
				245					250					255	
Thr	Arg	Asp	Arg	Val	Ala	Gly	Glu	Ser	Ala	Glu	Pro	Glu	Pro	Glu	Pro
			260					265					270		
Glu	Ala	Asp	Tyr	Tyr	Ala	Lys	Glu	Val	Thr	Arg	Val	Leu	Met	Val	Glu
		275					280					285			
Thr	His	Asn	Glu	Ile	Tyr	Asp	Lys	Phe	Lys	Gln	Ser	Thr	His	Ser	Ile
	290					295					300				
Tyr	Met	Phe	Phe	Asn	Thr	Ser	Glu	Leu	Arg	Glu	Ala	Val	Pro	Glu	Pro
305					310					315					320

Val Leu Leu Ser Arg 325 Ala Glu Leu Arg Leu 330 Leu Arg Arg Leu Lys 335 Leu  
 Lys Val Glu Gln 340 His Val Glu Leu Tyr 345 Gln Lys Tyr Ser Asn 350 Asn Ser  
 Trp Arg Tyr 355 Leu Ser Asn Arg Leu 360 Leu Ala Pro Ser Asp 365 Ser Pro Glu  
 Trp Leu 370 Ser Phe Asp Val Thr 375 Gly Val Val Arg Gln 380 Trp Leu Ser Arg  
 Gly 385 Gly Glu Ile Glu Gly 390 Phe Arg Leu Ser Ala 395 His Cys Ser Cys Asp 400  
 Ser Arg Asp Asn Thr 405 Leu Gln Val Asp Ile 410 Asn Gly Phe Thr Thr 415 Gly  
 Arg Arg Gly Asp 420 Leu Ala Thr Ile His 425 Gly Met Asn Arg Pro 430 Phe Leu  
 Leu Leu Met 435 Ala Thr Pro Leu Glu 440 Arg Ala Gln His Leu 445 Gln Ser

<210> 23

<211> 390

<212> PRT

<213> Homo sapiens

<400> 23

Met Pro Pro Ser Gly 5 Leu Arg Leu Leu Pro 10 Leu Leu Leu Pro Leu 15 Leu  
 Trp Leu Leu Val 20 Leu Thr Pro Gly 25 Pro Pro Ala Ala Gly 30 Leu Ser Thr  
 Cys Lys Thr 35 Ile Asp Met Glu 40 Leu Val Lys Arg Lys 45 Arg Ile Glu Ala  
 Ile Arg 50 Gly Gln Ile Leu Ser 55 Lys Leu Arg Leu Ala 60 Ser Pro Pro Ser  
 Gln 65 Gly Glu Val Pro 70 Gly Pro Leu Pro Glu 75 Ala Val Leu Ala Leu 80  
 Tyr Asn Ser Thr Arg 85 Asp Arg Val Ala Gly 90 Glu Ser Ala Glu Pro 95 Glu  
 Pro Glu Pro Glu 100 Ala Asp Tyr Tyr Ala 105 Lys Glu Val Thr Arg 110 Val Leu  
 Met Val Glu 115 Thr His His Glu Ile 120 Tyr Asp Lys Phe Lys 125 Gln Ser Thr  
 His Ser 130 Thr Tyr Met Phe Phe 135 Asn Ile Ser Glu Leu 140 Arg Glu Ala Val  
 Pro 145 Glu Pro Val Leu Leu 150 Ser Arg Ala Glu Leu 155 Arg Leu Leu Arg Leu 160  
 Lys Leu Lys Val Glu 165 Gln His Val Glu Leu 170 Tyr Gln Lys Tyr Ser 175 Asn

Asn Ser Trp Arg Tyr Leu Ser Asn Arg Leu Leu Ala Pro Ser Asp Ser  
180 185 190  
Pro Glu Trp Leu Ser Phe Asp Val Thr Gly Val Val Arg Gln Trp Leu  
195 200 205  
Ser Arg Gly Gly Glu Ile Glu Gly Phe Arg Leu Ser Ala His Cys Ser  
210 215 220  
Cys Asp Ser Arg Asp Asn Thr Leu Gln Val Asp Ile Asn Gly Phe Thr  
225 230 235 240  
Thr Gly Arg Arg Gly Asp Leu Ala Thr Ile His Gly Met Asn Arg Pro  
245 250 255  
Phe Leu Leu Leu Met Ala Thr Pro Leu Glu Arg Ala Gln His Leu Gln  
260 265 270  
Ser Ser Arg His Arg Arg Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser  
275 280 285  
Thr Glu Lys Asn Cys Cys Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys  
290 295 300  
Asp Leu Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn  
305 310 315 320  
Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr  
325 330 335  
Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala  
340 345 350  
Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr  
355 360 365  
Tyr Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile Val  
370 375 380  
Arg Ser Cys Lys Cys Ser  
385 390

<210> 24

<211> 414

<212> PRT

<213> Homo sapiens

<400> 24

Met His Tyr Cys Val Leu Ser Ala Phe Leu Ile Leu His Leu Val Thr  
1 5 10 15  
Val Ala Leu Ser Leu Ser Thr Cys Ser Thr Leu Asp Met Gln Gln Phe  
20 25 30  
Met Arg Lys Arg Ile Glu Ala Ile Arg Gly Gln Ile Leu Ser Lys Leu  
35 40 45  
Lys Leu Thr Ser Pro Pro Glu Asp Tyr Pro Glu Pro Glu Glu Val Pro  
50 55 60  
Pro Glu Val Ile Ser Ile Tyr Asn Ser Thr Arg Asp Leu Leu Gln Glu  
65 70 75 80  
Lys Ala Ser Arg Arg Ala Ala Ala Cys Glu Arg Glu Arg Ser Asp Glu  
85 90 95  
Glu Tyr Tyr Ala Lys Glu Val Tyr Lys Ile Asp Met Pro Pro Phe Phe  
100 105 110  
Pro Ser Glu Asn Ala Ile Pro Pro Thr Phe Tyr Arg Pro Tyr Phe Arg  
115 120 125

Ile Val Arg Phe Asp Val Ser Ala Met Glu Lys Asn Ala Ser Asn Leu  
130 135 140  
Val Lys Ala Glu Phe Arg Val Phe Arg Leu Gln Asn Pro Lys Ala Arg  
145 150 155 160  
Val Pro Glu Gln Arg Ile Glu Leu Tyr Gln Ile Leu Lys Ser Lys Asp  
165 170 175  
Leu Ile Ser Pro Thr Gln Arg Tyr Ile Asp Ser Lys Val Val Lys Thr  
180 185 190  
Arg Ala Glu Gly Glu Trp Leu Ser Phe Asp Val Thr Asp Ala Val His  
195 200 205  
Glu Trp Leu His His Lys Asp Arg Asn Leu Gly Phe Lys Ile Ser Leu  
210 215 220  
His Cys Pro Cys Cys Thr Phe Val Pro Ser Asn Asn Tyr Ile Ile Pro  
225 230 235 240  
Asn Lys Ser Glu Glu Leu Glu Ala Arg Phe Ala Gly Ile Asp Gly Ile  
245 250 255  
Ser Thr Tyr Thr Ser Gly Asp Gln Lys Thr Ile Lys Ser Thr Arg Lys  
260 265 270  
Lys Asn Ser Gly Lys Thr Pro His Leu Leu Leu Met Leu Leu Pro Ser  
275 280 285  
Tyr Arg Leu Glu Ser Gln Gln Thr Asn Arg Arg Lys Lys Arg Ala Leu  
290 295 300  
Asp Ala Ala Tyr Cys Phe Arg Asn Val Gln Asp Asn Cys Cys Leu Arg  
305 310 315 320  
Pro Leu Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp Lys Trp Ile His  
325 330 335  
Glu Pro Lys Gly Tyr Asn Ala Asn Phe Cys Ala Gly Ala Cys Pro Tyr  
340 345 350  
Leu Trp Ser Ser Asp Thr Gln His Ser Arg Val Leu Ser Leu Tyr Asn  
355 360 365  
Thr Glu Asn Pro Glu Ala Ser Ala Ser Pro Cys Cys Val Ser Gln Asp  
370 375 380  
Leu Glu Pro Leu Thr Ile Leu Tyr Tyr Ile Gly Lys Ile Pro Lys Ile  
385 390 395 400  
Glu Gln Leu Ser Asn Met Ile Val Lys Ser Cys Lys Cys Ser  
405 410

<210> 25

<211> 412

<212> PRT

<213> Homo sapiens

<400> 25

Met Lys Met His Leu Gln Arg Ala Leu Val Val Leu Ala Leu Leu His  
1 5 10 15  
Phe Ala Thr Val Ser Leu Ser Leu Ser Thr Cys Thr Thr Leu Asp Phe  
20 25 30  
Gly His Ile Lys Lys Lys Arg Val Glu Ala Ile Arg Gly Gln Ile Leu  
35 40 45  
Ser Lys Leu Arg Leu Thr Ser Pro Pro Glu Pro Thr Val Met Thr His  
50 55 60

Val Pro Tyr Gln Val Leu Ala Leu Tyr Asn Ser Thr Arg Glu Leu Leu  
65 70 75 80  
Glu Glu His Gly Glu Arg Lys Glu Glu Gly Cys Thr Gln Glu Asn Thr  
85 90 95  
Glu Ser Glu Tyr Tyr Ala Lys Glu Ile His Lys Phe Asp Met Ile Gln  
100 105 110  
Gly Leu Ala Glu His Asn Glu Leu Ala Val Cys Pro Lys Gly Ile Thr  
115 120 125  
Ser Lys Val Phe Arg Phe Asn Val Ser Ser Val Glu Lys Asn Arg Thr  
130 135 140  
Asn Leu Phe Arg Ala Glu Phe Arg Val Leu Arg Val Pro Asn Pro Ser  
145 150 155 160  
Ser Lys Arg Asn Glu Gln Arg Ile Glu Leu Phe Gln Ile Leu Arg Pro  
165 170 175  
Asp Glu His Ile Ala Lys Gln Arg Tyr Ile Gly Gly Lys Asn Leu Pro  
180 185 190  
Thr Arg Gly Thr Ala Glu Trp Leu Ser Phe Asp Val Thr Asp Thr Val  
195 200 205  
Arg Glu Trp Leu Leu Arg Arg Glu Ser Asn Leu Gly Leu Glu Ile Ser  
210 215 220  
Ile His Cys Pro Cys His Thr Phe Gln Pro Asn Gly Asp Ile Leu Glu  
225 230 235 240  
Asn Ile His Glu Val Met Glu Ile Lys Phe Lys Gly Val Asp Asn Glu  
245 250 255  
Asp Asp His Gly Arg Gly Asp Leu Gly Arg Leu Lys Lys Gln Lys Asp  
260 265 270  
Asn Asn Asn Pro His Leu Ile Leu Met Met Ile Pro Pro His Arg Leu  
275 280 285  
Asp Asn Pro Gly Gln Gly Gly Gln Arg Lys Lys Arg Ala Leu Asp Ile  
290 295 300  
Asn Tyr Cys Phe Arg Asn Leu Glu Glu Asn Cys Cys Val Arg Pro Leu  
305 310 315 320  
Tyr Ile Asp Phe Arg Gln Asp Leu Gly Trp Lys Trp Val His Glu Pro  
325 330 335  
Lys Gly Tyr Tyr Ala Asn Phe Cys Ser Gly Pro Cys Pro Tyr Leu Arg  
340 345 350  
Ser Ala Asp Thr Thr His Ser Thr Val Leu Gly Leu Tyr Asn Thr Leu  
355 360 365  
Asn Pro Glu Ala Ser Ala Ser Pro Cys Cys Val Pro Gln Asp Leu Glu  
370 375 380  
Pro Leu Thr Ile Leu Tyr Tyr Val Gly Arg Thr Pro Lys Val Glu Gln  
385 390 395 400  
Leu Ser Asn Met Val Val Lys Ser Cys Lys Cys Ser  
405 410

<210> 26

<211> 304

<212> PRT

<213> Gallus domesticus

<400> 26

Met Asp Pro Met Ser Ile Gly Pro Lys Ser Cys Gly Gly Ser Pro Trp  
1 5 10 15  
Arg Pro Pro Gly Thr Ala Pro Trp Ser Ile Gly Ser Arg Arg Ala Thr  
20 25 30  
Ala Ser Ser Ser Cys Ser Thr Ser Arg Val Arg Ala Glu Val Gly  
35 40 45  
Gly Arg Ala Leu Leu His Arg Ala Glu Leu Arg Met Leu Arg Gln Lys  
50 55 60  
Ala Ala Ala Asp Ser Ala Gly Thr Glu Gln Arg Leu Glu Leu Tyr Gln  
65 70 75  
Gly Tyr Gly Asn Ala Ser Trp Arg Tyr Leu His Gly Arg Ser Val Arg  
85 90 95  
Ala Thr Ala Asp Asp Glu Trp Leu Ser Phe Asp Val Thr Asp Ala Val  
100 105 110  
His Gln Trp Leu Ser Gly Ser Glu Leu Leu Gly Val Phe Lys Leu Ser  
115 120 125  
Val His Cys Pro Cys Glu Met Gly Pro Gly His Ala Asp Glu Met Arg  
130 135 140  
Ile Ser Ile Glu Gly Phe Glu Gln Gln Arg Gly Asp Met Gln Ser Ile  
145 150 155  
Ala Lys Lys His Arg Arg Val Pro Tyr Val Leu Ala Met Ala Leu Pro  
165 170 175  
Ala Glu Arg Ala Asn Glu Leu His Ser Ala Arg Arg Arg Arg Asp Leu  
180 185 190  
Asp Thr Asp Tyr Cys Phe Gly Pro Gly Thr Asp Glu Lys Asn Cys Cys  
195 200 205  
Val Arg Pro Leu Tyr Ile Asp Phe Arg Lys Asp Leu Gln Trp Lys Trp  
210 215 220  
Ile His Glu Pro Lys Gly Tyr Met Ala Asn Phe Cys Met Gly Pro Cys  
225 230 235  
Pro Tyr Ile Trp Ser Ala Asp Thr Gln Tyr Ile Lys Val Leu Ala Leu  
245 250 255  
Tyr Asn Gln Asn Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys Val Pro  
260 265 270  
Gln Ile Leu Asp Pro Leu Pro Ile Ile Tyr Tyr Val Gly Arg Asn Val  
275 280 285  
Arg Val Glu Gln Leu Ser Asn Met Val Val Arg Ala Cys Lys Cys Ser  
290 295 300

<210> 27

<211> 383

<212> PRT

<213> Rana sp.

<400> 27

Met Glu Val Leu Trp Met Leu Leu Val Leu Leu Val Leu His Leu Ser  
1 5 10 15  
Ser Leu Ala Met Ser Leu Ser Thr Cys Lys Ala Val Asp Met Glu Glu  
20 25 30  
Val Arg Lys Arg Arg Ile Glu Ala Ile Arg Gly Gln Ile Leu Ser Lys  
35 40 45



Leu Lys Leu Asp Lys Ile Pro Asp Val Asp Ser Glu Lys Met Thr Val  
 50 55 60  
 Pro Ser Glu Ala Ile Phe Leu Tyr Asn Ser Thr Leu Glu Val Ile Arg  
 65 70 75 80  
 Glu Lys Ala Thr Arg Glu Glu Glu Glu His Val Gly His Asp Gln Asn  
 85 90 95  
 Ile Gln Asp Tyr Tyr Ala Lys Gln Val Tyr Arg Phe Glu Ser Ile Thr  
 100 105 110  
 Glu Leu Glu Asp His Glu Phe Lys Phe Lys Phe Asn Ala Ser Asn Val  
 115 120 125  
 Arg Glu Asn Val Gly Met Asn Ser Leu Leu His His Ala Glu Leu Arg  
 130 135 140  
 Met Tyr Lys Lys Gln Thr Asp Lys Asn Met Asp Gln Arg Met Glu Leu  
 145 150 155 160  
 Phe Trp Lys Tyr Gln Glu Asn Gly Thr Thr His Ser Arg Tyr Leu Glu  
 165 170 175  
 Ser Lys Tyr Ile Thr Pro Val Thr Asp Glu Trp Met Ser Phe Asp  
 180 185 190  
 Val Thr Lys Thr Val Asn Glu Trp Leu Lys Arg Ala Glu Glu Asn Glu  
 195 200 205  
 Gln Phe Gly Leu Gln Pro Ala Cys Lys Cys Pro Thr Pro Gln Ala Lys  
 210 215 220  
 Asp Ile Asp Ile Glu Gly Phe Pro Ala Leu Arg Gly Asp Leu Ala Ser  
 225 230 235 240  
 Leu Ser Ser Lys Glu Asn Thr Lys Pro Tyr Leu Met Ile Thr Ser His  
 245 250 255  
 Pro Ala Glu Arg Ile Asp Thr Val Thr Ser Ser Arg Lys Lys Arg Gly  
 260 265 270  
 Val Gly Gln Glu Tyr Cys Phe Gly Asn Asn Gly Pro Asn Cys Cys Val  
 275 280 285  
 Lys Pro Leu Tyr Ile Asn Phe Arg Lys Asp Leu Gly Trp Lys Trp Ile  
 290 295 300  
 His Glu Pro Lys Gly Tyr Glu Ala Asn Tyr Cys Leu Gly Asn Cys Pro  
 305 310 315 320  
 Tyr Ile Trp Ser Met Asp Thr Gln Tyr Ser Lys Val Leu Ser Leu Tyr  
 325 330 335  
 Asn Gln Asn Asn Pro Gly Ala Ser Ile Ser Pro Cys Cys Val Pro Asp  
 340 345 350  
 Val Leu Glu Pro Leu Pro Ile Ile Tyr Tyr Val Gly Arg Ile Ala Lys  
 355 360 365  
 Val Glu Gln Leu Ser Asn Met Val Val Arg Ser Cys Asn Cys Ser  
 370 375 380

<210> 28

<211> 8

<212> PRT

<213> Homo sapiens

<400> 28

Ala Pro Gln Gly Ile Ala Gly Gln  
1 5

<210> 29

<211> 8

<212> PRT

<213> Homo sapiens

<400> 29

Gly Pro Gln Gly Leu Leu Gly Ala  
1 5

<210> 30

<211> 8

<212> PRT

<213> Homo sapiens

<400> 30

Gly Pro Gln Gly Leu Ala Gly Gln  
1 5

<210> 31

<211> 8

<212> PRT

<213> Homo sapiens

<400> 31

Gly Pro Leu Gly Ile Ala Gly Ile  
1 5

<210> 32

<211> 8

<212> PRT

<213> Homo sapiens

<400> 32

Gly Pro Glu Gly Leu Arg Val Gly  
1 5

<210> 33

<211> 8

<212> PRT

<213> Rattus sp.

<400> 33

Ala Ala Tyr His Leu Val Ser Gln  
1 5

<210> 34

<211> 8

<212> PRT

<213> Rattus sp.

<400> 34

Met Asp Ala Phe Leu Glu Ser Ser  
1 5

<210> 35

<211> 8

<212> PRT

<213> Rattus sp.

<400> 35

Glu Pro Gln Ala Leu Ala Met Ser  
1 5

<210> 36

<211> 8

<212> PRT

<213> Rattus sp.

<400> 36

Gln Ala Leu Ala Met Ser Ala Ile  
1 5

<210> 37

<211> 8

<212> PRT

<213> Gallus domesticus

<400> 37

Pro Ser Tyr Phe Leu Asn Ala Gly  
1 5

<210> 38

<211> 8

<212> PRT

<213> Homo sapiens

<400> 38

Tyr Glu Ala Gly Leu Gly Val Val  
1 5

<210> 39

<211> 8

<212> PRT

<213> Homo sapiens

<400> 39

Ala Gly Leu Gly Val Val Glu Arg  
1 5

<210> 40

<211> 8

<212> PRT

<213> Homo sapiens

<400> 40

Ala Gly Leu Gly Ile Ser Ser Thr  
1 5

<210> 41

<211> 8

<212> PRT

<213> Unknown

<220>

<223> Sequence source uncertain

<400> 41

Gly Ala Met Phe Leu Glu Ala Ile  
1 5

<210> 42

<211> 8

<212> PRT

<213> Homo sapiens

<400> 42

Ile Pro Glu Asn Phe Phe Gly Val  
1 5

<210> 43

<211> 8

<212> PRT

<213> Homo sapiens

<400> 43

Thr Glu Gly Glu Ala Arg Gly Ser  
1 5

<210> 44

<211> 8

<212> PRT

<213> Homo sapiens

<400> 44

Arg Ala Ile His Ile Gln Ala Glu  
1 5

<210> 45

<211> 8

<212> PRT

<213> Homo sapiens

<400> 45

Leu Arg Ala Tyr Leu Leu Pro Ala  
1 5

<210> 46

<211> 8

<212> PRT

<213> Cavia porcellus

<220>

<221> SITE

<222> (3)..(3)

<223> Xaa=Hyp

<400> 46

Gly Ala Xaa Gly Leu Glx Gly His  
1 5

<210> 47

<211> 8

<212> PRT

<213> Rattus sp.

<400> 47

Gly Pro Gln Gly Val Arg Gly Glu  
1 5

<210> 48

<211> 8

<212> PRT

<213> Rattus sp.

<400> 48

Gly Pro Ala Gly Val Gln Gly Pro  
1 5

<210> 49

<211> 8  
<212> PRT  
<213> Rattus sp.

<220>  
<221> SITE  
<222> (6)..(6)  
<223> Xaa=Hyp

<400> 49  
Gly Pro Ser Gly Leu Xaa Gly Pro  
1 5

<210> 50  
<211> 8  
<212> PRT  
<213> Rattus sp.

<400> 50  
Gly Pro Ala Gly Glu Arg Gly Ser  
1 5

<210> 51  
<211> 8  
<212> PRT  
<213> Rattus sp.

<400> 51  
Gly Ala Lys Gly Leu Thr Gly Ser  
1 5

<210> 52  
<211> 8  
<212> PRT  
<213> Rattus sp.

<400> 52  
Gly Pro Ala Gly Gln Asp Gly Pro  
1 5

<210> 53  
<211> 8  
<212> PRT  
<213> Rattus sp.

<400> 53

Gly Pro Ala Gly Phe Ala Gly Pro  
1 5

<210> 54

<211> 8

<212> PRT

<213> Rattus sp.

<400> 54

Gly Pro Ile Gly Asn Val Gly Ala  
1 5

<210> 55

<211> 8

<212> PRT

<213> Rattus sp.

<220>

<221> SITE

<222> (3)..(3)

<223> Xaa=Hyl

<400> 55

Gly Pro Xaa Gly Ser Arg Gly Ala  
1 5

<210> 56

<211> 8

<212> PRT

<213> Bos taurus

<400> 56

Gly Pro Gln Gly Ile Ala Gly Gln  
1 5

<210> 57

<211> 8

<212> PRT

<213> Bos taurus

<400> 57

Gly Pro Gln Gly Leu Leu Gly Ala  
1 5

<210> 58

<211> 8

<212> PRT

<213> Homo sapiens

<400> 58

Ile Pro Glu Asn Phe Phe Gly Val  
1 5

<210> 59

<211> 8

<212> PRT

<213> Homo sapiens

<400> 59

Pro Pro Gly Ala Tyr His Gly Ala  
1 5

<210> 60

<211> 8

<212> PRT

<213> Homo sapiens

<400> 60

Arg Ala Ile His Ile Gln Ala Glu  
1 5

<210> 61

<211> 8

<212> PRT

<213> Homo sapiens

<400> 61

Gly Pro His Leu Leu Val Glu Ala  
1 5

<210> 62

<211> 8

<212> PRT

<213> Homo sapiens

<400> 62

Leu Arg Ala Tyr Leu Leu Pro Ala  
1 5

<210> 63

<211> 8

<212> PRT

<213> Homo sapiens



<400> 63

Gly Pro Glu Gly Leu Arg Val Gly  
1 5

<210> 64

<211> 8

<212> PRT

<213> Homo sapiens

<400> 64

Arg Val Gly Phe Tyr Glu Ser Asp  
1 5

<210> 65

<211> 8

<212> PRT

<213> Homo sapiens

<400> 65

Leu Leu Ser Ala Leu Val Glu Thr  
1 5

<210> 66

<211> 8

<212> PRT

<213> Unknown

<220>

<223> Sequence source uncertain

<400> 66

Glu Ala Ile Pro Met Ser Ile Pro  
1 5

<210> 67

<211> 8

<212> PRT

<213> Unknown

<220>

<223> Sequence source uncertain

<400> 67

Ile Ala Gly Arg Ser Leu Asn Pro  
1 5

<210> 68

<211> 8

<212> PRT

<213> Gallus domesticus

<400> 68

Leu Asn Ala Gly Phe Thr Ala Ser  
1 5

<210> 69

<211> 8

<212> PRT

<213> Homo sapiens

<400> 69

Ile Pro Glu Asn Phe Phe Gly Val  
1 5

<210> 70

<211> 8

<212> PRT

<213> Unknown

<220>

<223> Sequence source uncertain

<400> 70

Lys Pro Gln Gln Phe Phe Gly Leu  
1 5

<210> 71

<211> 8

<212> PRT

<213> Homo sapiens

<400> 71

Asp Val Ala Gln Phe Val Leu Thr  
1 5

<210> 72

<211> 8

<212> PRT

<213> Homo sapiens

<400> 72

Asp Thr Leu Glu Val Met Arg Lys  
1 5

<210> 73

<211> 8

<212> PRT

<213> Homo sapiens

<400> 73

Asp Val Gly His Phe Arg Thr Phe  
1 5

<210> 74

<211> 8

<212> PRT

<213> Homo sapiens

<400> 74

Asp Ser Gly Gly Phe Met Leu Thr  
1 5

<210> 75

<211> 8

<212> PRT

<213> Homo sapiens

<400> 75

Arg Val Ala Glu Met Arg Gly Glu  
1 5

<210> 76

<211> 8

<212> PRT

<213> Homo sapiens

<400> 76

Asp Leu Gly Arg Phe Gln Thr Phe  
1 5

<210> 77

<211> 8

<212> PRT

<213> Homo sapiens

<400> 77

Pro Phe Ser Pro Leu Val Ala Thr  
1 5

<210> 78

<211> 8

<212> PRT

<213> Homo sapiens

<400> 78

Leu Arg Ala Tyr Leu Leu Pro Ala  
1 5

<210> 79

<211> 8

<212> PRT

<213> Unknown

<220>

<223> Sequence source uncertain

<400> 79

Ala Pro Gly Asn Ala Ser Glu Ser  
1 5

<210> 80

<211> 8

<212> PRT

<213> Unknown

<220>

<223> Sequence source uncertain

<400> 80

Phe Ser Ser Glu Ser Lys Arg Glu  
1 5

<210> 81

<211> 8

<212> PRT

<213> Bos taurus

<400> 81

Ala Gly Gly Ala Gln Met Gly Val  
1 5

<210> 82

<211> 8

<212> PRT

<213> Bos taurus

<400> 82

Gln Met Gly Val Met Gln Gly Pro  
1 5

<210> 83

<211> 8

<212> PRT

<213> Bos taurus

<400> 83

Met Ala Ala Ser Leu Lys Arg Pro  
1 5

<210> 84

<211> 8

<212> PRT

<213> Bos taurus

<400> 84

Met Ala Ala Ser Ala Lys Arg Glu  
1 5

<210> 85

<211> 8

<212> PRT

<213> Bos taurus

<400> 85

Met Ala Ala Ser Leu Arg Lys Pro  
1 5

<210> 86

<211> 8

<212> PRT

<213> Bos taurus

<400> 86

Gln Ala Gln Ala Ile Leu Gln Gln  
1 5

<210> 87

<211> 8

<212> PRT

<213> Homo sapiens

<400> 87

Arg Ala Ile His Ile Gln Ala Glu  
1 5

<210> 88

<211> 8

<212> PRT

<213> Bos taurus

<400> 88

Leu Val Glu Ala Leu Tyr Leu Val  
1 5

<210> 89

<211> 8

<212> PRT

<213> Bos taurus

<400> 89

Glu Ala Leu Tyr Leu Val Cys Gly  
1 5

<210> 90

<211> 8

<212> PRT

<213> Homo sapiens

<400> 90

Ile Pro Glu Asn Phe Phe Gly Val  
1 5

<210> 91

<211> 8

<212> PRT

<213> Homo sapiens

<400> 91

Gly Pro His Leu Leu Val Glu Ala  
1 5

<210> 92

<211> 8

<212> PRT

<213> Homo sapiens

<400> 92

Pro Pro Glu Glu Leu Lys Phe Gln  
1 5

<210> 93

<211> 8

<212> PRT

<213> Homo sapiens

<400> 93

Gly Pro Pro Gly Val Val Gly Pro  
1 5

<210> 94

<211> 8

<212> PRT

<213> Homo sapiens

<400> 94

Gly Pro Pro Gly Leu Arg Gly Glu  
1 5

<210> 95

<211> 8

<212> PRT

<213> Homo sapiens

<400> 95

Gly Pro Glu Gly Val Val Gly Pro  
1 5

<210> 96

<211> 8

<212> PRT

<213> Homo sapiens

<400> 96

Ile Pro Glu Asn Phe Phe Gly Val  
1 5

<210> 97

<211> 8

<212> PRT

<213> Homo sapiens

<400> 97

Pro Pro Gly Ala Tyr His Gly Ala  
1 5

<210> 98

<211> 8

<212> PRT

<213> Homo sapiens

<400> 98

Arg Ala Ile His Ile Gln Ala Glu  
1 5

<210> 99

<211> 8

<212> PRT

<213> Homo sapiens

<400> 99

Arg Ala Ile His Ile Gln Ala Glu  
1 5

<210> 100

<211> 8

<212> PRT

<213> Homo sapiens

<400> 100

Gly Pro His Leu Leu Val Glu Ala  
1 5